

2nd February, 2023

To
The General Manager (Listing),
National Stock Exchange of India Limited,
Exchange Plaza, C 1/G Block,
Bandra-Kurla Complex,
Bandra (East), Mumbai.

To
The General Manager, (Listing)
BSE Limited,
Phiroze Jeejeebhoy Towers,
Dalal Street, Mumbai.

Reference: NSE-SCRIP ID: POWERGRID; BSE Scrip Code: 532898 EQ – ISIN INE752 E01010

Sub: Presentation and Link for Video Recording of Investors & Analysts' Meet held on 2nd February, 2023

Dear Sir,

In terms of Regulation 30 of the SEBI (Listing Obligations and Disclosure Requirements) Regulations, 2015, please find attached the copy of presentation given at Investors & Analysts Meet held today i.e. 2nd February, 2023.

Link for Video Recording of this Webinar is as under:

https://apps.powergrid.in/pgdocs/2023/02/POWERGRID_Q4_2022_23_Video.mp4

Thanking You,

Yours faithfully,

(Mrinal Shrivastava)
Company Secretary &
Compliance Officer



Transmitting Power
for
Progress and Prosperity

Investor Presentation

February 2023

www.powergrid.in



Disclaimer

By attending the meeting where this presentation is made, or by reading the presentation slides, you agree to be bound by the following limitations:

- This document has been prepared for information purposes only and is not an offer or invitation or recommendation to buy or sell any securities of Power Grid Corporation of India Limited (the “Company”), nor shall part, or all, of this document form the basis of, or be relied on in connection with, any contract or investment decision in relation to any securities of the Company.
- The information in this document is being provided by the Company and is subject to change without notice. The Company relies on information obtained from sources believed to be reliable but does not guarantee its accuracy or completeness.
- This document contains statements about future events and expectations that are forward-looking statements. These statements typically contain words such as "expects" and "anticipates" and words of similar import. Any statement in this document that is not a statement of historical fact is a forward-looking statement that involves known and unknown risks, uncertainties and other factors which may cause our actual results, performance or achievements to be materially different from any future results, performance or achievements expressed or implied by such forward-looking statements. None of the future projections, expectations, estimates or prospects in this document should be taken as forecasts or promises nor should they be taken as implying any indication, assurance or guarantee that the assumptions on which such future projections, expectations, estimates or prospects have been prepared are correct or exhaustive or, in the case of the assumptions, fully stated in the document. The Company assumes no obligations to update the forward-looking statements contained herein to reflect actual results, changes in assumptions or changes in factors affecting these statements.
- You acknowledge that you will be solely responsible for your own assessment of the market and the market position of the Company and that you will conduct your own analysis and be solely responsible for forming your own view of the potential future performance of the business of the Company.
- Neither the delivery of this document nor any further discussions of the Company with any of the recipients shall, under any circumstances, create any implication that there has been no change in the affairs of the Company since that date.
- Annual Accounts for FY2021-22 are approved by the shareholders.

Performance Highlights



POWERGRID Overview

Performance Highlights

Awards

Growth Outlook

POWERGRID Overview



A “Maharatna’ CPSE

**3rd Largest CPSE
Gross Block¹**

**Pan India
Transmission Network**

**4,000 MW
Cross Border
Interconnection with
neighbouring countries**

**23 countries
Global Footprints**

**28 Nos
Subsidiaries**

**11
Joint Ventures²**

**04
Associates**

Credit Rating

**Standard & Poor's - BBB-
Fitch - BBB -
Moody's – Baa3
International
(At par with Sovereign)**

**CRISIL - AAA
ICRA - AAA
CARE - AAA
Domestic**

Transmission Assets



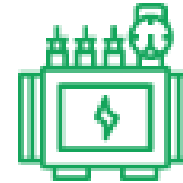
1,73,790 ckm
1,448 nos

Transmission Lines



270
4,93,000 MVA

Sub-Stations



97,290 MW
85% of India's
IR capacity



> 99%
**System
Availability**

Transmitting 45% of India's Power

18 HVDC substations	60 765kV Substations	162 400kV Substations	17 SVC/ STATCOMS	57 GIS Substations	>2,80,000 Transmission Towers	>3,600 Transformers and Reactors
---------------------------	----------------------------	-----------------------------	------------------------	--------------------------	-------------------------------------	--

Performance Highlights

Project Execution

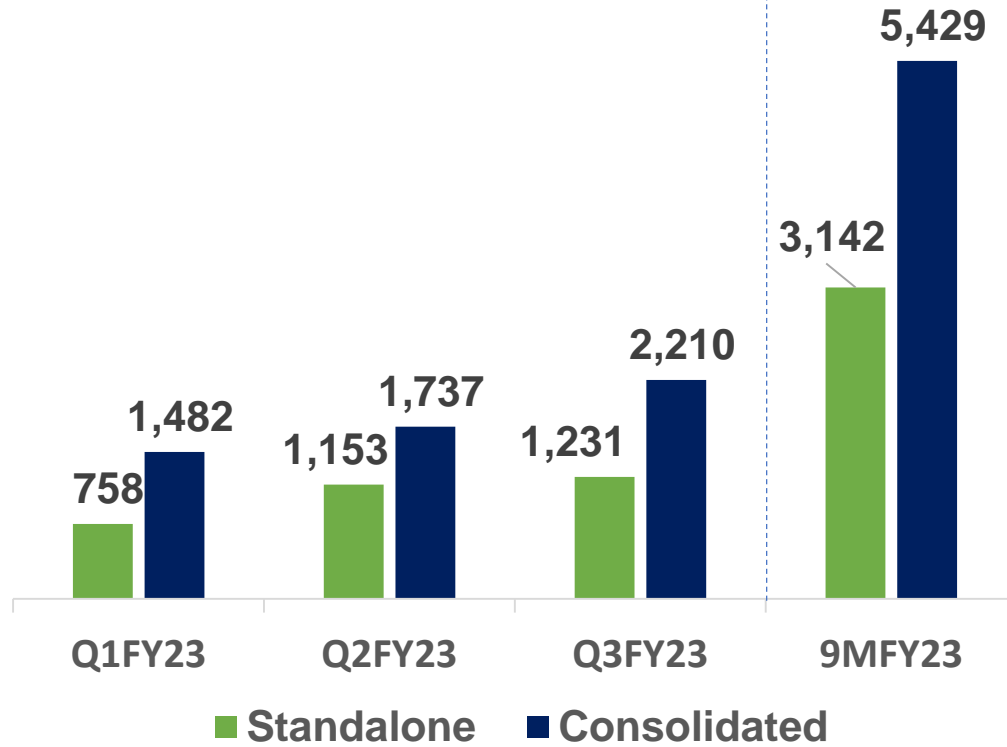
Operational Performance

Financial Performance

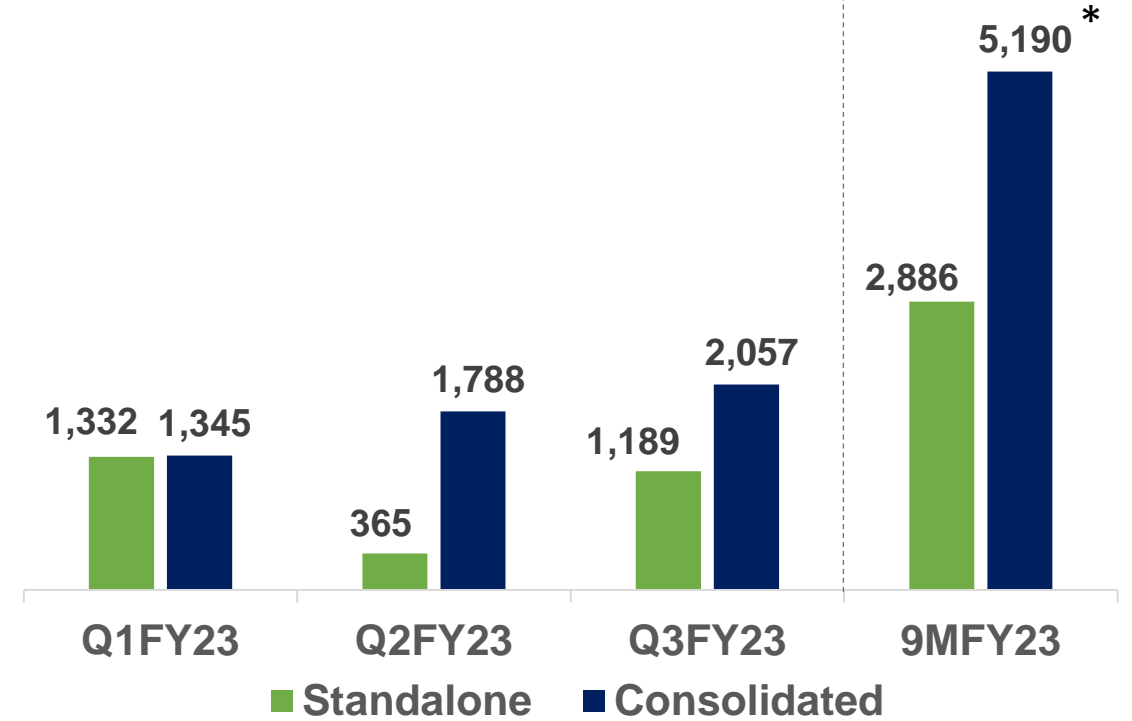
Other Businesses

Commercial Performance

Capex(accrual)

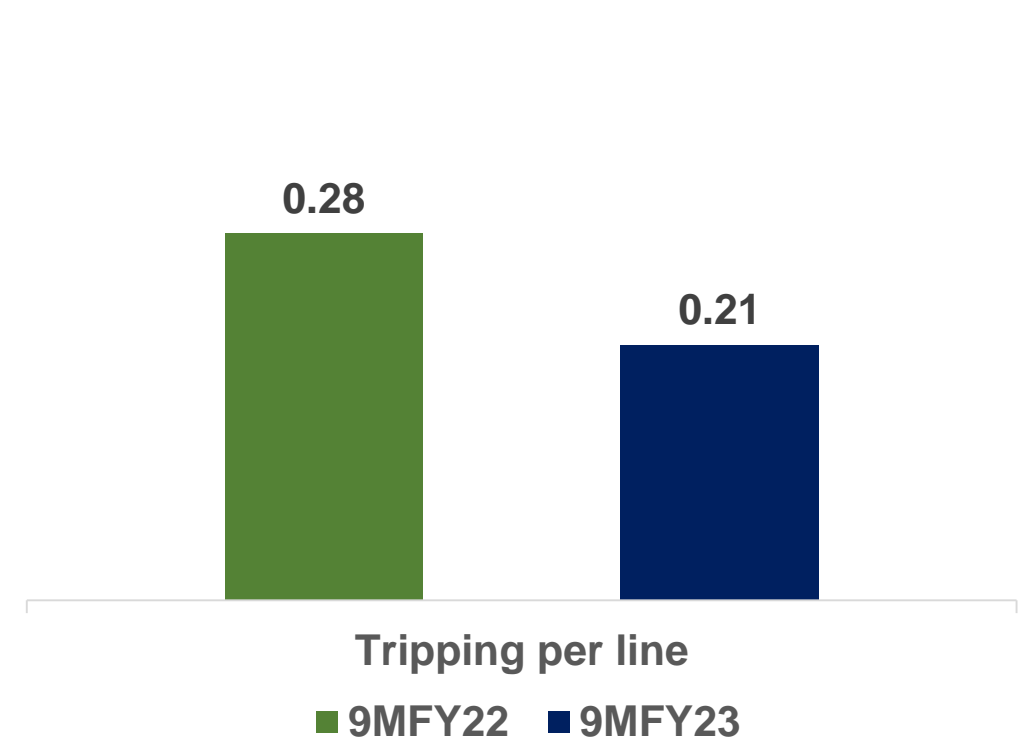
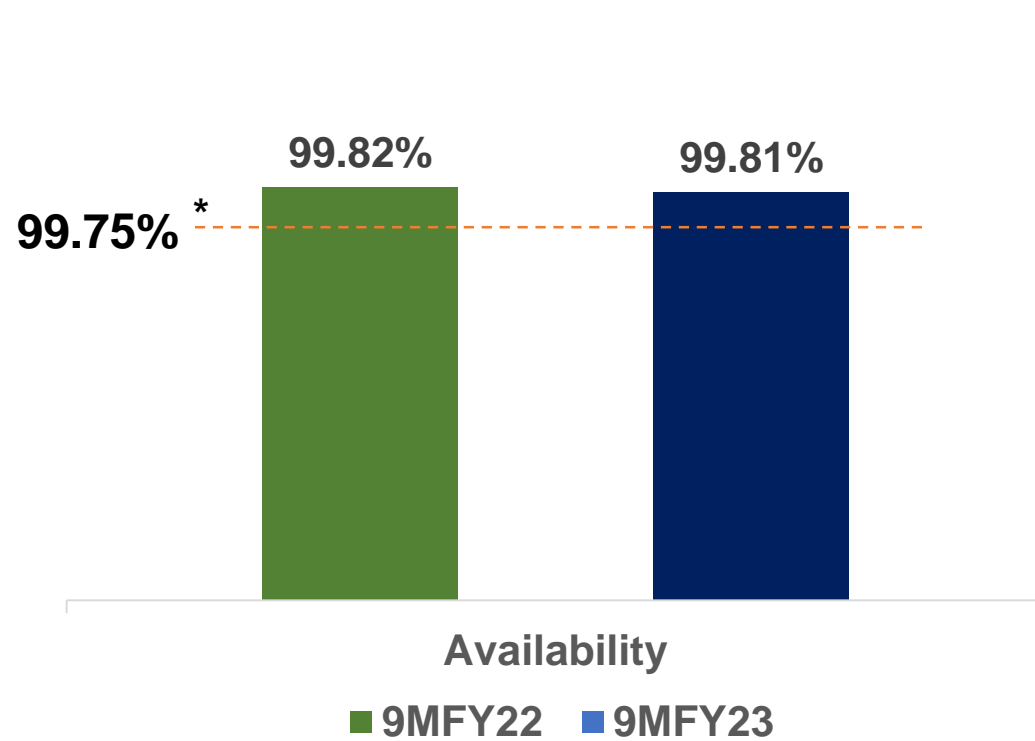


Capitalization



(₹ in crore) Capitalization figures. exclusive of FERV * Includes assets capitalised as Finance Lease

Operational Performance-9MFY23



* Full incentive capped at 99.75%

Availability and Trippings per line are on standalone basis.

Transmission Lines



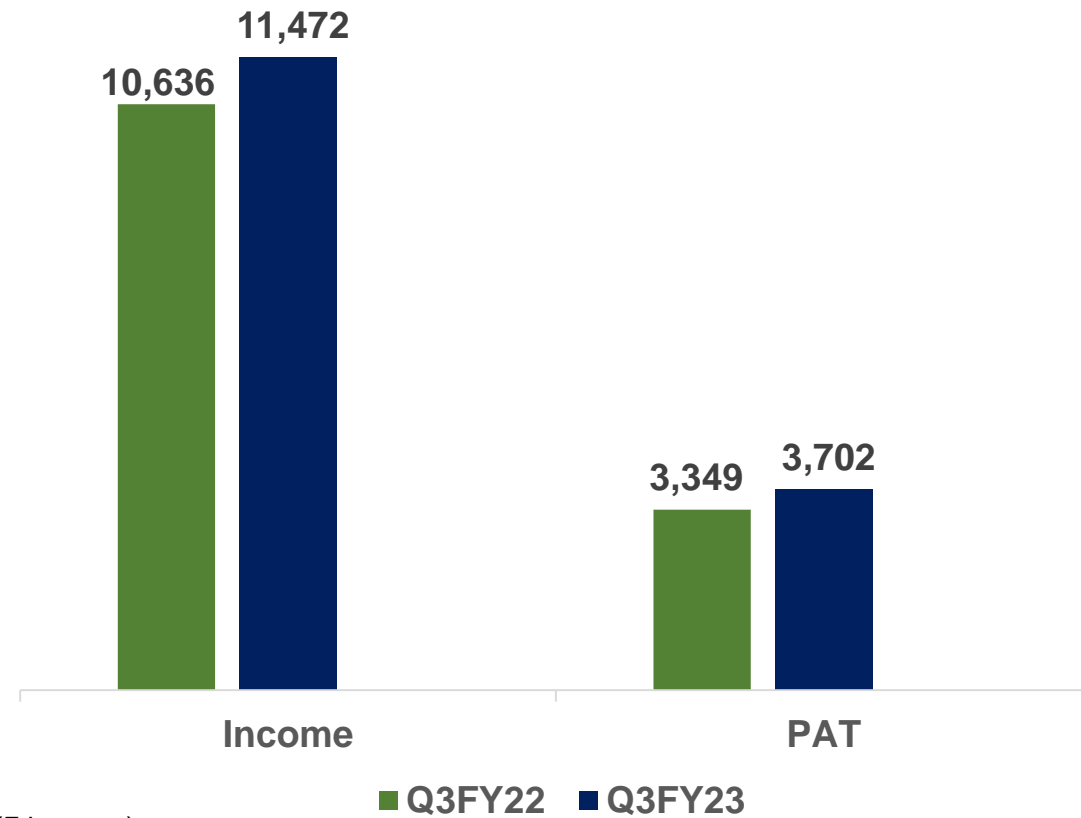
Sub-Stations



Condition Monitoring Tests are carried out as a part of Annual Maintenance Plan (AMP) for all major Assets

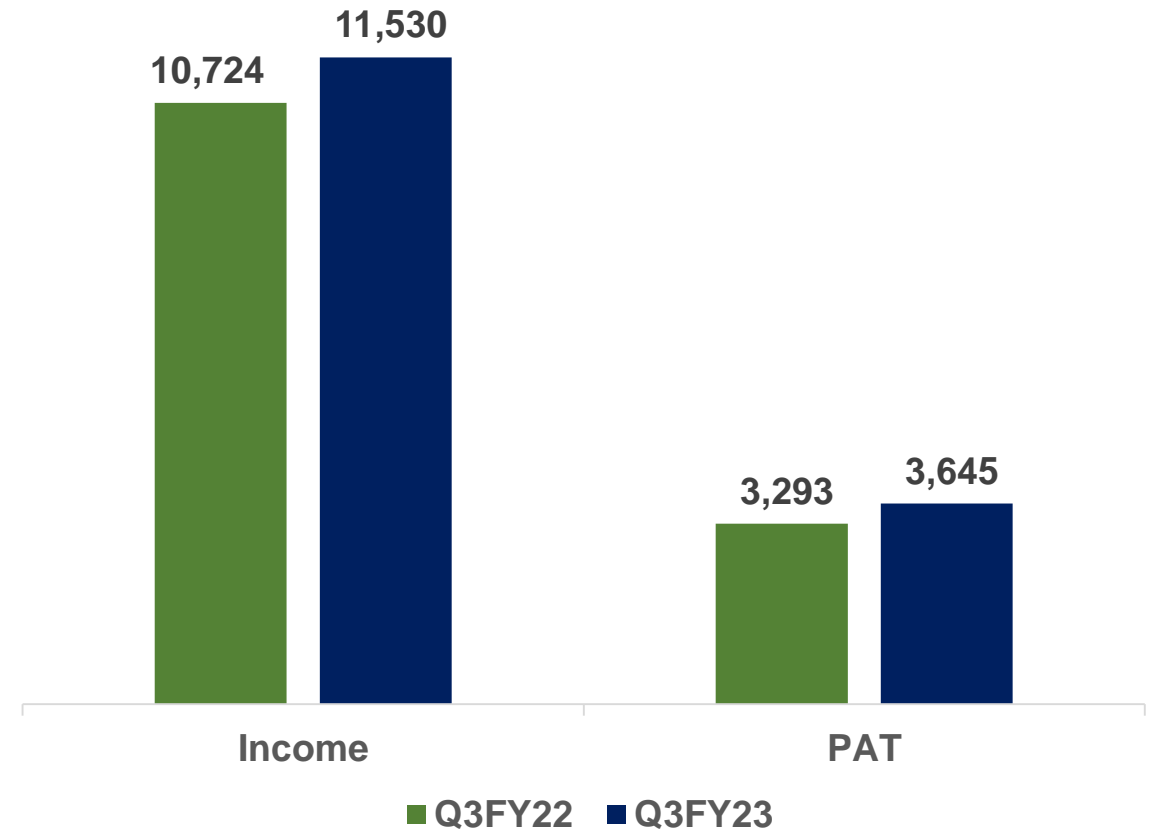
Financial Performance-Q3FY23

Standalone
Income Growth : 8%
PAT Growth : 11%



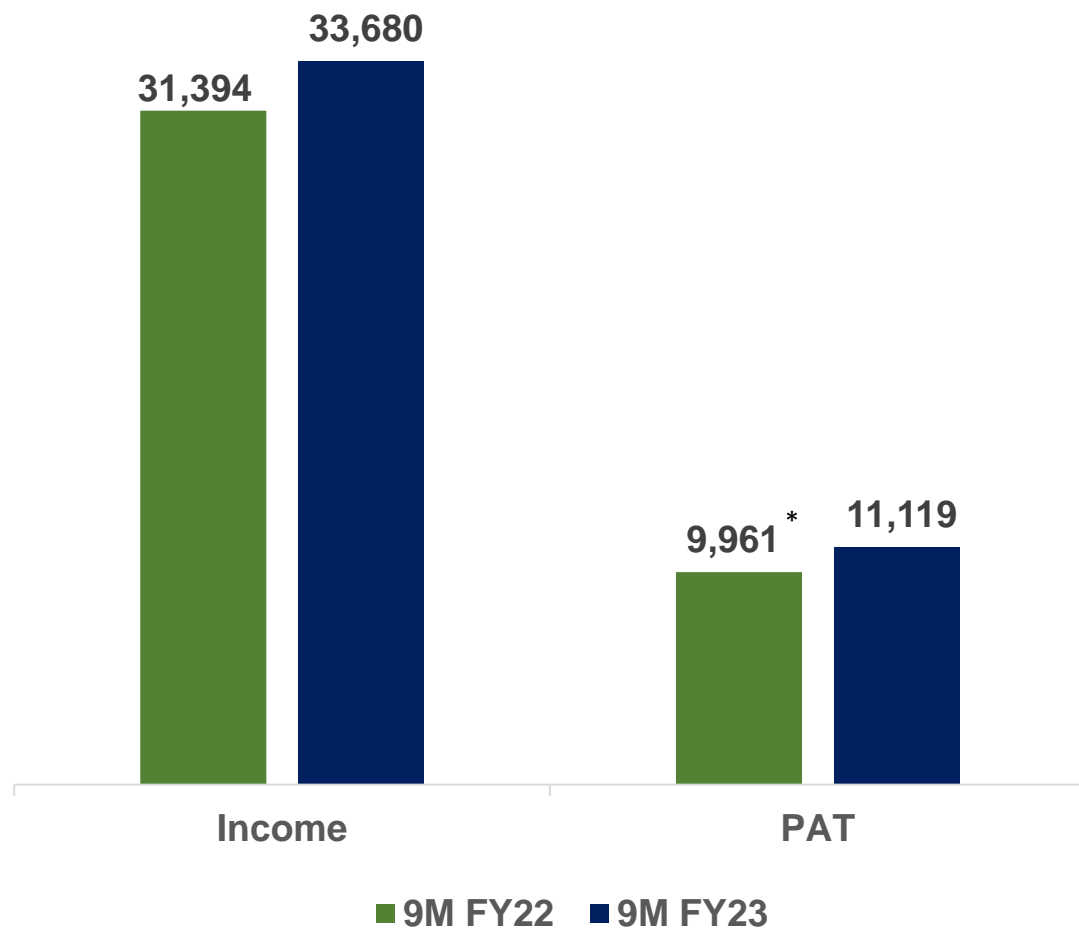
(₹ in crore)

Consolidated
Income Growth : 8%
PAT Growth : 11%



Financial Performance-9MFY23

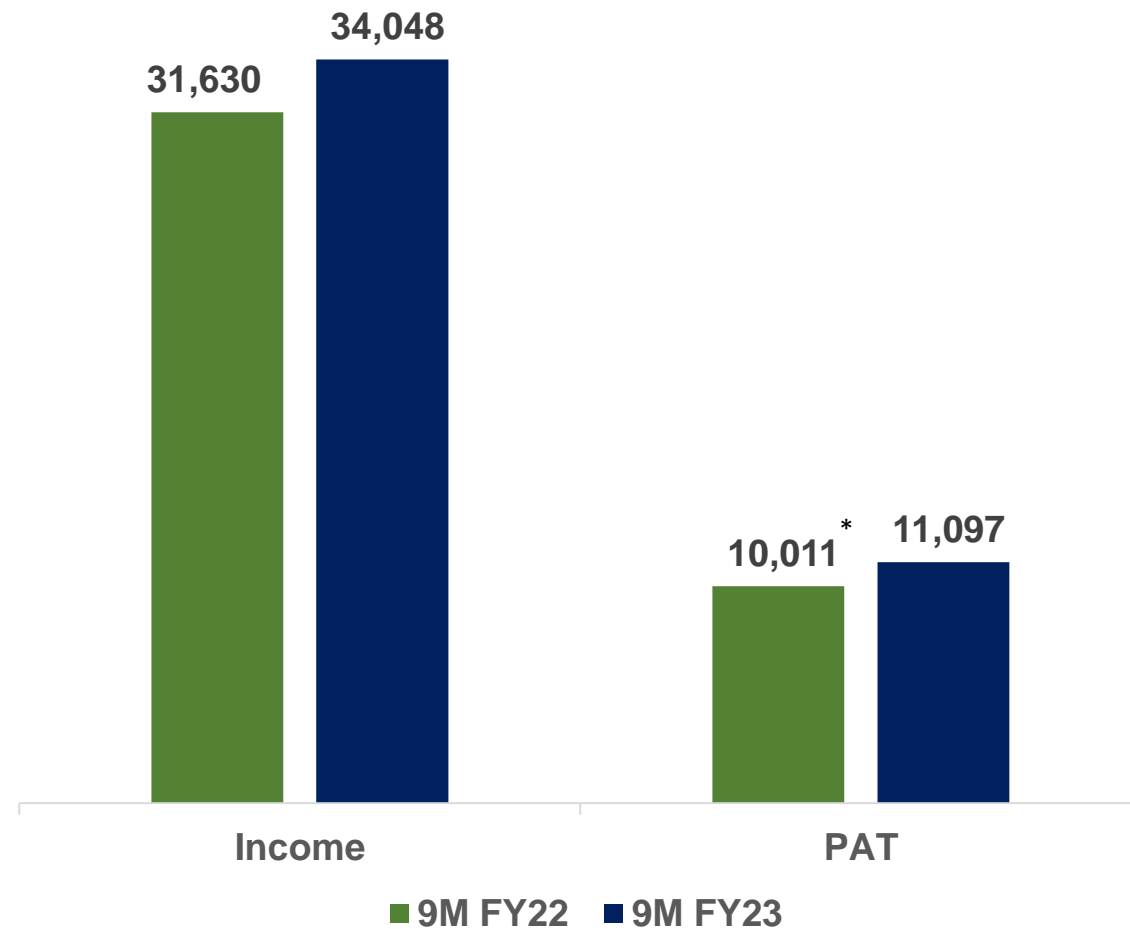
Standalone
Income Growth : 7%
PAT Growth* : 12%



(₹ in crore)

* excluding Exceptional Item

Consolidated
Income Growth : 8%
PAT Growth* : 11%



Financial Performance



S
T
A
N
D
A
L
O
N
E

Description	Q3FY23	Q3FY22	Growth (%)	9MFY23	9MFY22	Growth (%)
Income						
- Transmission Charges	10,392	9,669	7%	30,775	28,783	7%
- Consultancy – Services	167	170	-2%	533	501	6%
- Telecom	187	162	15%	540	427	26%
- Other Income	726	635	14%	1,832	1,683	9%
Total Income	11,472	10,636	8%	33,680	31,394	7%
Operating Expenses (including movement in regulatory deferral balance other than DA for DTL)	1,580	1,336	18%	4,376	3,733	17%
EBITDA-Gross Margin	9,892	9,300	6%	29,304	27,661	6%
Depreciation	3,304	3,193	3%	9,726	9,363	4%
Interest	2,251	1,969	14%	6,388	6,103	5%
Exceptional/Extraordinary Item	-	-	-	-	-3,169	-
Tax (Net of DA for DTL)	635	789	-	2,071	2,591	-
Profit After Tax	3,702	3,349	11%	11,119	12,773	-13%*

(₹ in crore)

* Growth (%) 12% excluding exceptional item

Financial Performance



C
O
N
S
O
L
I
D
A
T
E
D

Description	Q3FY23	Q3FY22	Growth (%)	9MFY23	9MFY22	Growth (%)
Income						
- Transmission Charges	10,933	10,140	8%	32,308	30,072	7%
- Consultancy – Services	142	145	-2%	470	436	8%
- Telecom	187	162	15%	540	427	26%
- Other Income	268	277	-3%	731	695	5%
Total Income	11,530	10,724	8%	34,049	31,630	8%
Operating Expenses (including movement in regulatory deferral balance other than DA for DTL)	1,582	1,353	17%	4,417	3,775	17%
Share of Net Profits of investments accounted for using Equity Method	-	-17	-	-29	29	-
EBITDA-Gross Margin	9,948	9,354	6%	29,603	27,884	6%
Depreciation	3,407	3,286	4%	10,020	9,593	4%
Interest	2,227	1,963	13%	6,322	5,941	6%
Exceptional/Extraordinary Item	-	-	-	-	-3,014	-
Tax (Net of DA for DTL)	669	812	-	2,164	2,696	-
Profit After Tax	3,645	3,293	11%	11,097	12,668	-12%*

* Growth (%) 11% excluding Exceptional Item (₹ in crore) 13

Financial Performance



Description	Standalone		Consolidated	
	as on 31.12.22	as on 31.12.21	as on 31.12.22	as on 31.12.21
Gross Fixed Assets (₹ crore)	2,54,638	2,47,512	2,68,903	2,60,247
Capital Work-in-Progress (₹ crore)	7,749	8,936	13,427	13,773
Debt (₹ crore)	1,28,658	1,30,356	1,28,658	1,30,356
Net Worth (₹ crore)	82,143	75,675	82,217	75,971
Earning Per Share (₹)*	15.94	18.31	15.91	18.16
Book Value per Share (₹)	117.76	108.49	117.87	108.91
Key Financial Ratios				
Debt : Equity	61:39	63:37	61:39	63:37
Return on Net Worth*	13.54%	16.88%	13.50%	16.67%

* Not annualised

Other Key Financial Information

Description	Q3FY23	Q3FY22	9MFY23	9MFY22
Surcharge Income (Consol.)	34	38	146	182
Incentive (Consol.)	130	147	408	393
Int. from Subsidiaries & JVs*	289	218	810	652
Int. on differential tariff	74	54	366	290
Dividend from JVs*	-	1	27	32
Dividend from Subsidiaries*	189	143	326	266
Dividend from Associates/Others*	31	55	94	110
CSR Expenses*	45	23	170	86
FERV (Gross Block)	402	13	1799	236
Equity in TBCB- Operational*	3,297	3,178	3,297	3,178
Equity in TBCB- U/ Constn.*	441	387	441	387
Short Term Loan	-	4,000	-	4,000

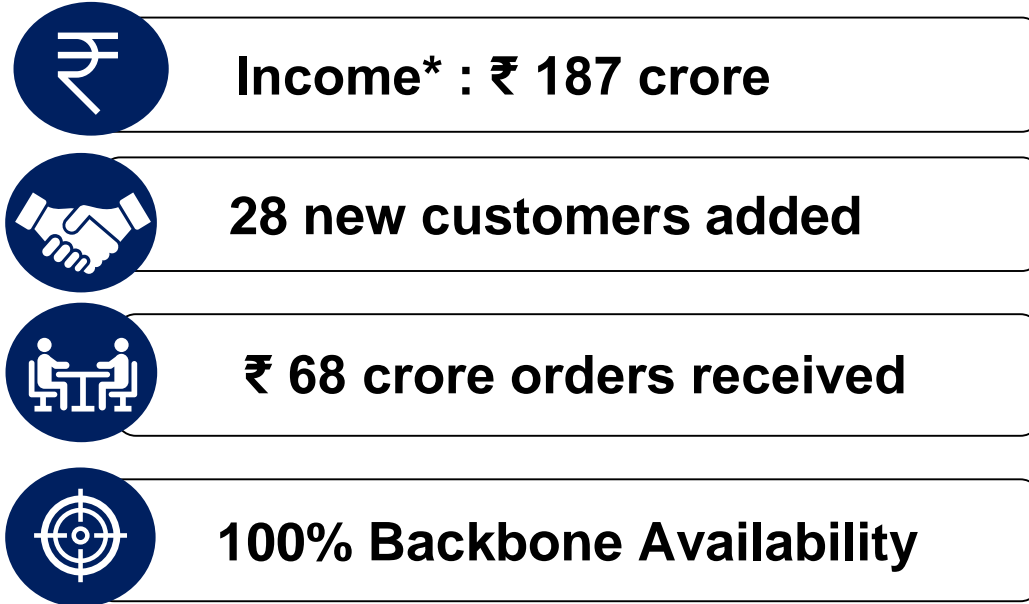
Average Cost of
Borrowing*
7.08% in 9MFY23

Debt raised in
9MFY23*
₹ 3422 crore

* On Standalone basis

(₹ in crore) * On Standalone basis

Telecom Performance-Q3FY23



Opportunities

Data Centre
Business

ILD Business

OPGW leasing agreement signed with Goa Electricity Department, GED and UPPTCL, to explore business in new cities.

CERC approval received for use of ISTS substation land at Manesar for undertaking Data Centre business by “POWERGRID Teleservices Limited”, a wholly owned subsidiary of POWERGRID

POWERGRID received orders (Including Multiple Years Orders) worth ₹ 68 Cr. from Global OTTs, Government departments, Public sectors, Private entities, ISPs etc.

Consultancy services to Domestic and International clients.



Income* : ₹ 142 crore

International

- 02 new assignment in Q3FY23.
- 17 ongoing assignments.

Domestic

- 05 new orders in Q3FY23.
- 70 ongoing assignments

Delivering Smart Solutions to both Domestic and International clients

- State owned utilities, Private utilities, Central Public Sector Undertakings, Government departments, International clients etc.

Area of Expertise

- Transmission
- Sub-Transmission and Distribution
- Rural Electrification
- Load Dispatch & Communication
- Smart Grid
- Energy Efficiency & Sustainable Development.

Commercial Performance

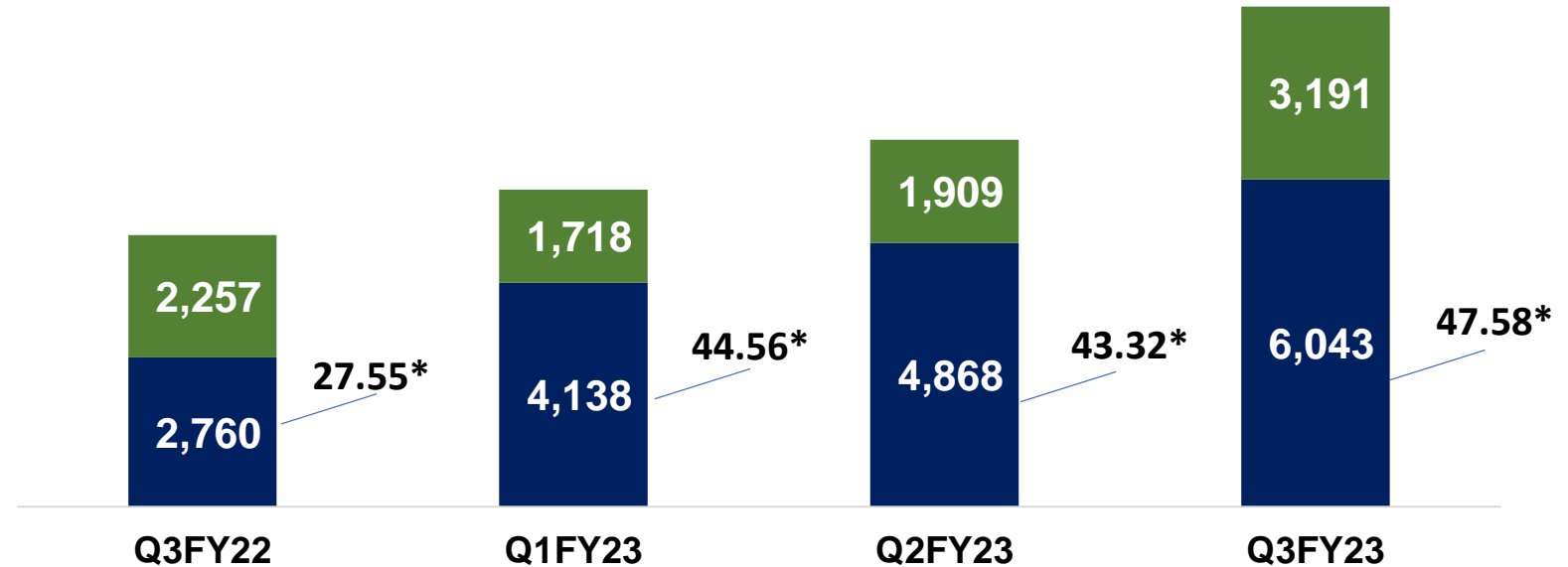
Billing & Realization

₹ 34,925 cr
Billing

₹ 30,003 cr
Realization

85.91%
%age Realization

Outstanding dues (at end of Qtr) (in ₹ crore)



*Receivable (days billing) ■ o/s > 45 days ■ o/s < 45 days

- ~ ₹ 616 crore received against outstanding dues of ~ ₹ 2,400 cr with 7 Discoms settled in accordance with LPS Rules 2022 notification by MoP on June 03, 2022.
- Major Dues: J&K, Tamil Nadu, Uttar Pradesh

Smart Metering

- Potential Opportunity : 25 crore meters, ~ ₹ 1.5 L crore (incl. GBS : ₹ 22,500 crore).
- Initiated procurement process for End-to-End Smart Metering Solution for 1 cr Smart meters.
 - Finalization of MoU under process.
- Discussion with the States underway for MoU route.
 - Signed MOU with MGVCL & UGVCL, Gujarat state discoms to implement Advanced Metering Infrastructure (AMI) System for 66 lakh meters.

Solar Power Generation

- Committed to source 50% of its electricity consumption from non-fossil fuel sources by 2025.
- POWERGRID's first commercial Solar PV Project of 85 MW at Nagda.
 - Financial bids have been opened.
- DPR for additional 82 MW capacity at Aurangabad, Jabalpur, Khammam, Wardha is under finalization



2022 Platts Global Energy Awards under Corporate Impact Award: Critical Response category

Recognises excellence in global energy industry.

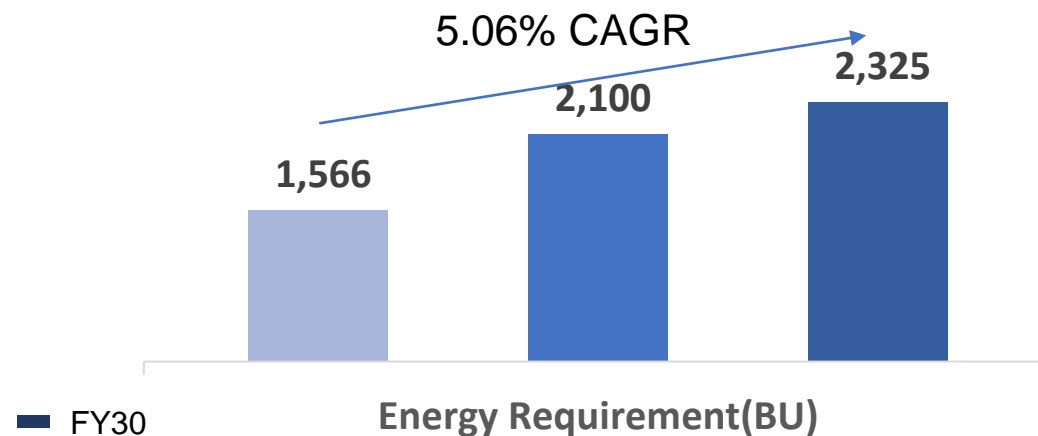
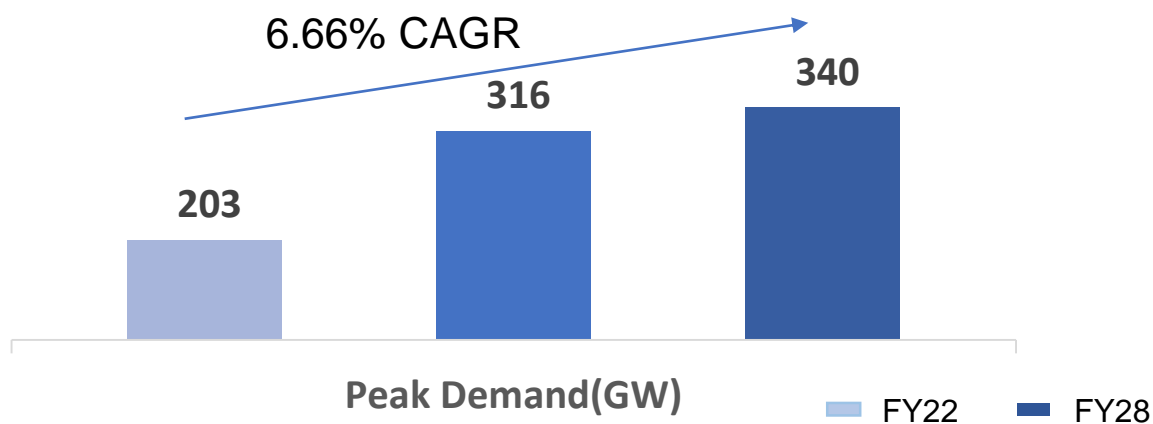
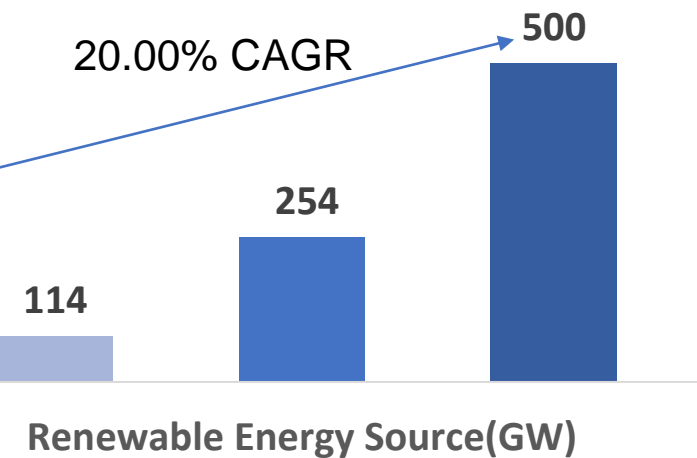
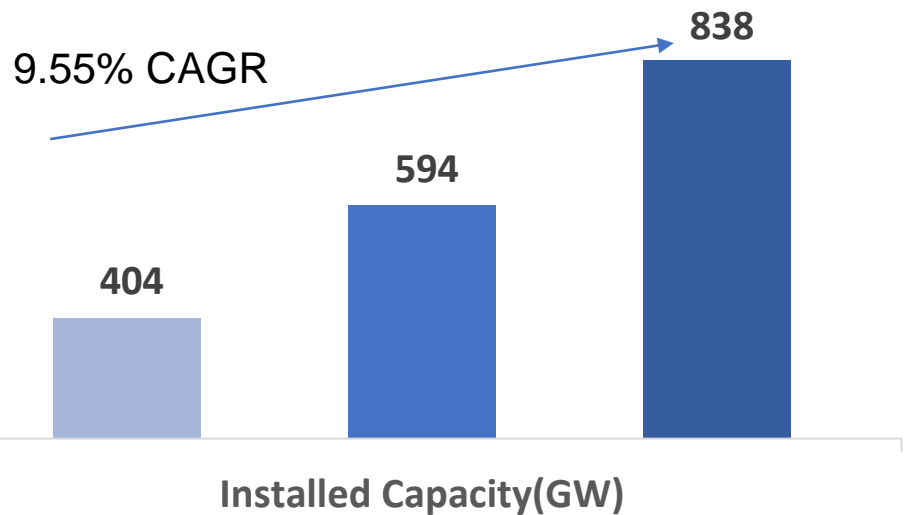
POWERGRID's broad-reaching program focused on providing immediate help to children in distressed situations along with comprehensive support including physical and psychological rehabilitation, workforce training and apprenticeships.



Patents granted for invention entitled

- 'Energy efficient all-season roof screening'.
- 'Smart Socket and Smart Home Energy Manager'.
 - Developed in collaboration with IIT Kharagpur.

Growth Outlook - Sectoral



Transmission System for Integration of over 500 GW RE Installed Capacity by 2030.

- **Transmission system planned for major RE potential zones like**
 - **Leh RE park in Ladakh;**
 - **Fatehgarh, Bhadla, Bikaner in Rajasthan;**
 - **Khavda RE park in Gujarat;**
 - **Anantapur, Kurnool RE Zones in Andhra Pradesh;**
 - **Offshore wind farms in Tamil Nadu and Gujarat.**
- **Additional 50,890 ckm transmission lines and 4,33,575 MVA sub-station capacity estimated under ISTS for integration of additional wind and solar capacity.**
- **Estimated investment of ₹ 2,44,200 crore.**
 - **Under Bidding : ₹ 23,000 crore.**
 - **Approved and to be put to bid : ₹ 34,000 crore.**

as per CEA report

Work in Hand : ~ ₹ 47,600 crore

Ongoing Projects
₹ 7,600 crore

New Projects
₹ 27,000 crore

TBCB Projects
₹ 13,000 crore

FY23 Capex Plan : ₹ 8,800 crore

Thank You